

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|---|---|------------------|---------|---------------------|
| L19 | 6 | "6353617" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/21 07:59 |
| L20 | 2 | "20030202492" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/21 08:07 |
| L21 | 1 | "10598564" | US-PGPUB; USPAT | OR | ON | 2009/04/21 08:35 |
| L22 | 17593 | (370/229,235,236.ccls.) or (455/403,422.1,436,450,452.1,452.2.ccls.) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/21 08:37 |
| L23 | 31 | (sub?channel or subchannel or (sub near2 channel)) with data with transmi\$5 and (download with server) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/21 08:38 |
| L24 | 0 | L22 and L23 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/21 08:38 |

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|-----|-------|--|---|----|----|---------------------|
| L25 | 462 | ((sub?channel or subchannel or (sub near2 channel)) with availab\$4) same (transmi\$5 near2 (frame or data)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/21 08:38 |
| L26 | 28 | 22 and L25 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/21 08:38 |
| S1 | 23306 | (sub?channel or subchannel or (sub near2 channel)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/16 12:45 |
| S2 | 6065 | physical with layer with frame | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/16 12:45 |
| S3 | 3152 | (hybrid near2 automated near2 repeat near2 request) or HARQ | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/16 12:45 |
| S4 | 5 | S1 same S2 same S3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/16 12:46 |
| S5 | 2 | S4 and (@pd<"20031222" or @ad<"20031222" or @prad<"20031222" or @rlad<"20031222" or @ptad<"20031222") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/16 12:47 |

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|-----|-------|--|---|----|----|---------------------|
| S6 | 11 | S1 same S2 and S3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/16 12:48 |
| S7 | 3 | S6 and (@pd<"20031222" or @ad<"20031222" or @prad<"20031222" or @rlad<"20031222" or @ptad<"20031222") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/16 12:48 |
| S8 | 41 | S1 and S2 and S3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/16 12:48 |
| S9 | 10 | S8 and (@pd<"20031222" or @ad<"20031222" or @prad<"20031222" or @rlad<"20031222" or @ptad<"20031222") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/16 12:48 |
| S10 | 12366 | (370/229,235,236,464,465,468,477.ccls.) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/16 12:52 |
| S11 | 141 | S10 and S3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/16 12:52 |
| S12 | 65 | S11 and (@pd<"20031222" or @ad<"20031222" or @prad<"20031222" or @rlad<"20031222" or @ptad<"20031222") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/16 12:52 |

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|-----|-----|--|---|----|----|---------------------|
| S13 | 7 | S12 and S1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/16 12:52 |
| S14 | 103 | S10 and S3 and (ACK or acknowlegd\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/16 13:29 |
| S15 | 48 | S14 and (@pd<"20031222" or @ad<"20031222" or @prad<"20031222" or @rlad<"20031222" or @ptad<"20031222") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/16 13:29 |
| S16 | 6 | US-6175560-\$.D.ID. OR US-2003012165D-\$.D.ID. OR WO-0203600-\$.D.ID. OR WO-03105394-\$.D.ID. OR WO-03077464-\$.D.ID. OR WO-0217548-\$.D.ID. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/16 13:49 |
| S17 | 6 | US-6175560-\$.D.ID. OR US-2003012165-\$.D.ID. OR WO-0203600-\$.D.ID. OR WO-03105394-\$.D.ID. OR WO-03077464-\$.D.ID. OR WO-0217548-\$.D.ID. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/16 13:54 |
| S18 | 5 | "2003012165" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/16 13:55 |
| S19 | 3 | "20030012165" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/16 13:55 |

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|-----|------|---|---|----|----|---------------------|
| S20 | 2204 | S3 and (re?transmi\$5 or retransmi\$5 or (re near2 transmi\$5)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/16 14:00 |
| S21 | 1768 | S3 same (re?transmi\$5 or retransmi\$5 or (re near2 transmi\$5)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/16 14:01 |
| S22 | 326 | S3 same (re?transmi\$5 or retransmi\$5 or (re near2 transmi\$5)) same (pend\$3 or wait\$3 or await\$3 or hang\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/16 14:02 |
| S23 | 132 | S22 and (@pd<"20031222" or @ad<"20031222" or @prad<"20031222" or @rlad<"20031222" or @ptad<"20031222") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/16 14:02 |
| S24 | 4 | S1 and S23 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/16 14:02 |
| S25 | 5 | ((ZHAO) near2 (ZHUYAN)).INV. | US-PGPUB; USPAT | OR | ON | 2009/04/16 14:04 |
| S26 | 2 | "10868422" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/16 14:15 |

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|-----|------|---|---|----|----|---------------------|
| S27 | 218 | (re?transmi\$5 or retransmi\$5 or (re near2 transmi\$5)) same (time? or (time near2 period)) same (ACK and NAK) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/16 15:28 |
| S28 | 5885 | (370/229,235,236.ccls.) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/16 15:29 |
| S29 | 19 | S27 and S28 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/16 15:29 |
| S30 | 16 | S29 and (@pd<"20031222" or @ad<"20031222" or @prad<"20031222" or @rlad<"20031222" or @ptad<"20031222") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/16 15:29 |
| S31 | 6 | ((re?transmi\$5 or retransmi\$5 or (re near2 transmi\$5)) with (frame or data)) same (time? or (time near2 period)) same ((ACK and NAK) near2 (no or zero or lack)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/16 15:34 |
| S32 | 0 | (transmi\$5) with another with (sub?channel or subchannel or (sub near2 channel)) same availabl\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/16 15:36 |
| S33 | 1098 | (transmi\$5)with (sub?channel or subchannel or (sub near2 channel)) same availabl\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/16 15:36 |

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| S35 | 373 | (transmi\$5 near2 (frame or data)) with (sub?channel or subchannel or (sub near2 channel)) same availabl\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/16 15:37 |
| S36 | 298 | S35 and (@pd<"20031222" or @ad<"20031222" or @prad<"20031222" or @rlad<"20031222" or @ptad<"20031222") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/16 15:37 |
| S37 | 1 | S36 and S3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/16 15:37 |
| S38 | 0 | (transmi\$5 near2 (frame or data)) with another with (sub?channel or subchannel or (sub near2 channel)) same availabl\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/16 15:42 |
| S39 | 16 | (transmi\$5 near2 (frame or data)) with (another or other or different) with (sub?channel or subchannel or (sub near2 channel)) same availabl\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/16 15:42 |
| S40 | 179 | (transmi\$5) with (another or other or different) with (sub?channel or subchannel or (sub near2 channel)) same availabl\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/16 15:44 |
| S41 | 150 | S40 and (@pd<"20031222" or @ad<"20031222" or @prad<"20031222" or @rlad<"20031222" or @ptad<"20031222") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/16 15:45 |

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|-----|------|---|---|----|----|---------------------|
| S42 | 462 | ((sub?channel or subchannel or (sub near2 channel)) with availab\$4) same (transmi\$5 near2 (frame or data)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/16 16:10 |
| S43 | 46 | ((sub?channel or subchannel or (sub near2 channel)) with availab\$4 with (another or other or different)) same (transmi\$5 near2 (frame or data)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/16 16:10 |
| S44 | 8 | "10730753" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/16 16:12 |
| S45 | 161 | (transmi\$5 near2 (another or other or different) near2 (sub?channel or subchannel or (sub near2 channel))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/16 16:18 |
| S46 | 117 | S45 and (@pd<"20031222" or @ad<"20031222" or @prad<"20031222" or @rlad<"20031222" or @ptad<"20031222") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/16 16:18 |
| S47 | 3 | "20020177447" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/20 09:18 |
| S48 | 6755 | (pend\$3 or wait\$3 or await\$3 or hang\$3) with random | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/20 09:40 |

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|-----|------|--|---|----|----|---------------------|
| S49 | 5410 | S48 and (@pd<"20031222" or @ad<"20031222" or @prad<"20031222" or @rlad<"20031222" or @ptad<"20031222") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/20 09:40 |
| S50 | 33 | (pend\$3 or wait\$3 or await\$3 or hang\$3) with (random\$3 near2 select\$3 near2 frame) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/20 09:41 |
| S51 | 30 | S50 and (@pd<"20031222" or @ad<"20031222" or @prad<"20031222" or @rlad<"20031222" or @ptad<"20031222") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/20 09:41 |
| S52 | 754 | (pend\$3 or wait\$3 or await\$3 or hang\$3) with (ack or acknowledge\$4) with frame | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/20 10:02 |
| S53 | 63 | (pend\$3 or wait\$3 or await\$3 or hang\$3) with (ack or acknowledge\$4) with frame with (long or short) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/20 10:03 |
| S54 | 29 | S53 and (@pd<"20031222" or @ad<"20031222" or @prad<"20031222" or @rlad<"20031222" or @ptad<"20031222") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/20 10:03 |
| S55 | 38 | (threshold with (sub?channel or subchannel or (sub near2 channel))) same (transmi\$5 near2 power) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/20 10:17 |

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|-----|---------|---|---|----|----|---------------------|
| S56 | 24 | S55 and (@pd<"20031222" or @ad<"20031222" or @prad<"20031222" or @rlad<"20031222" or @ptad<"20031222") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/20 10:17 |
| S57 | 11 | "7072413" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/20 10:20 |
| S58 | 2677705 | "200" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/20 10:20 |
| S59 | 3 | "20030112880" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/20 10:21 |
| S60 | 161 | (transmi\$5 near2 (another or other or different) near2 (sub?channel or subchannel or (sub near2 channel))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/20 10:37 |
| S61 | 9 | S60 and UMTS | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/20 10:37 |
| S62 | 2 | S61 and (@pd<"20031222" or @ad<"20031222" or @prad<"20031222" or @rlad<"20031222" or @ptad<"20031222") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/20 10:37 |

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|-----|------|---|---|----|----|---------------------|
| S63 | 46 | ((sub?channel or subchannel or (sub near2 channel)) with availab\$4 with (another or other or different)) same (transmi\$5 near2 (frame or data)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/20 10:38 |
| S64 | 3 | S63 and UMTS | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/20 10:38 |
| S65 | 3285 | (sub?channel or subchannel or (sub near2 channel)) with data with transmi\$5 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/20 10:39 |
| S66 | 160 | S65 and UMTS | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/20 10:39 |
| S67 | 100 | S66 and (@pd<"20031222" or @ad<"20031222" or @prad<"20031222" or @rlad<"20031222" or @ptad<"20031222") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/20 10:39 |
| S68 | 6 | S65 same UMTS | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/20 10:40 |
| S69 | 5 | S68 and (@pd<"20031222" or @ad<"20031222" or @prad<"20031222" or @rlad<"20031222" or @ptad<"20031222") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/20 10:40 |

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|-----|-----|---|---|----|----|---------------------|
| S70 | 3 | S60 and (server with download) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/20 10:44 |
| S71 | 31 | (sub?channel or subchannel or (sub near2 channel)) with data with transmi\$5 and (download with server) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/20 10:45 |
| S72 | 27 | S71 and (@pd<"20031222" or @ad<"20031222" or @prad<"20031222" or @rlad<"20031222" or @ptad<"20031222") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/20 10:45 |
| S73 | 2 | S72 and ACK | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/20 10:46 |
| S74 | 160 | (network near2 device) with (download near2 server) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/20 10:48 |
| S75 | 39 | (sub?channel or subchannel or (sub near2 channel)) same ACK same NAK | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/20 10:49 |
| S76 | 0 | S74 and S75 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/20 10:49 |

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| S77 | 240 | (sub?channel or subchannel or (sub near2 channel)) same ACK | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/20 10:49 |
| S78 | 0 | S74 and S77 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/20 10:49 |
| S79 | 23315 | (sub?channel or subchannel or (sub near2 channel)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/20 10:49 |
| S80 | 490 | (sub?channel or subchannel or (sub near2 channel)) same (ACK or acknowledge\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/20 10:49 |
| S81 | 0 | S74 and S80 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/20 10:50 |
| S82 | 15 | (network near2 device) with (download near2 server) with program | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/20 10:50 |
| S83 | 13 | S82 and (@pd<"20031222" or @ad<"20031222" or @prad<"20031222" or @rlad<"20031222" or @ptad<"20031222") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/20 10:50 |

4/21/2009 8:38:55 AM

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